

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/051734

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 C08J9/00 C08J9/14 C08K5/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 C08J C08K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category ^a	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 633 289 A (NAKAMURA MICHIEHIKO ET AL) 27 May 1997 (1997-05-27) column 3, line 55 – column 4, line 16	1-18
A		19
X	US 6 319 962 B1 (COSTA JR JOSEPH S ET AL) 20 November 2001 (2001-11-20) column 4, line 35 – line 47 claim 4	1-18
A		19
X	US 5 827 446 A (MERCHANT ABID NAZARALI ET AL) 27 October 1998 (1998-10-27) column 2, line 40 – line 67	1-18
Y		19
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

^a Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the International filing date
- "L" document which may throw doubts on priority, claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the International filing date but later than the priority date claimed

"T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
12 November 2004	22/11/2004

Name and mailing address of the ISA
 European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
 Fax (+31-70) 340-3016

Authorized officer

Müller, M

INTERNATIONAL SEARCH REPORT

International Application No.
PCT/EP2004/051734

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DATABASE WPI Section Ch, Week 199404 Derwent Publications Ltd., London, GB; Class A25, AN 1994-031309 XP002261595 & JP 05 337953 A (INOAC CORP KK) 21 December 1993 (1993-12-21) abstract	1-18
A		19
X	DE 40 15 714 A (BAYER AG) 21 November 1991 (1991-11-21) page 6, line 15 - line 25	1-18
A		19
X	US 4 226 947 A (YUKUTA TOSHIRO ET AL) 7 October 1980 (1980-10-07) example 1	1-18
Y	column 1, line 12 - line 20	19
X	DATABASE WPI Section Ch, Week 198940 Derwent Publications Ltd., London, GB; Class A21, AN 1989-288549 XP002261596 & JP 01 210333 A (BRIDGESTONE TIRE KK) 23 August 1989 (1989-08-23) abstract	1-18
A		19
X	DATABASE WPI Section Ch, Week 198130 Derwent Publications Ltd., London, GB; Class A21, AN 1981-54011D XP002261597 & JP 56 067342 A (SUMITOMO BAKELITE CO) 6 June 1981 (1981-06-06) abstract	1-18
A		19
X	EP 0 581 191 A (TAKEDA CHEMICAL INDUSTRIES LTD ; MATSUSHITA REFRIGERATION (JP)) 2 February 1994 (1994-02-02) page 3, line 9 - line 10 page 3, line 24 - line 27 page 4, line 17 - line 26	19
A		1-18

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/051734

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 5633289	A	27-05-1997	JP	2806199 B2		30-09-1998
			JP	6270162 A		27-09-1994
			JP	2806200 B2		30-09-1998
			JP	6270163 A		27-09-1994
			DE	4408968 A1		22-09-1994
US 6319962	B1	20-11-2001	AU	3827999 A		13-12-1999
			CA	2329667 A1		02-12-1999
			WO	9961504 A1		02-12-1999
			EP	1090056 A1		11-04-2001
			TW	554008 B		21-09-2003
US 5827446	A	27-10-1998	DE	69716404 D1		21-11-2002
			DE	69716404 T2		26-06-2003
			DE	877780 T1		02-03-2000
			EP	0877780 A1		18-11-1998
			ES	2137141 T1		16-12-1999
			JP	2000510503 T		15-08-2000
			WO	9728229 A1		07-08-1997
JP 5337953	A	21-12-1993		NONE		
DE 4015714	A	21-11-1991	DE	4015714 A1		21-11-1991
US 4226947	A	07-10-1980	JP	54068898 A		02-06-1979
			DE	2848922 A1		17-05-1979
			GB	2009191 A ,B		13-06-1979
JP 1210333	A	23-08-1989		NONE		
JP 56067342	A	06-06-1981		NONE		
EP 0581191	A	02-02-1994	CN	1087650 A ,B		08-06-1994
			DE	69310827 D1		26-06-1997
			DE	69310827 T2		08-01-1998
			EP	0581191 A1		02-02-1994
			JP	3306782 B2		24-07-2002
			JP	6172476 A		21-06-1994
			KR	252568 B1		15-04-2000
			US	5350777 A		27-09-1994